Fig 1

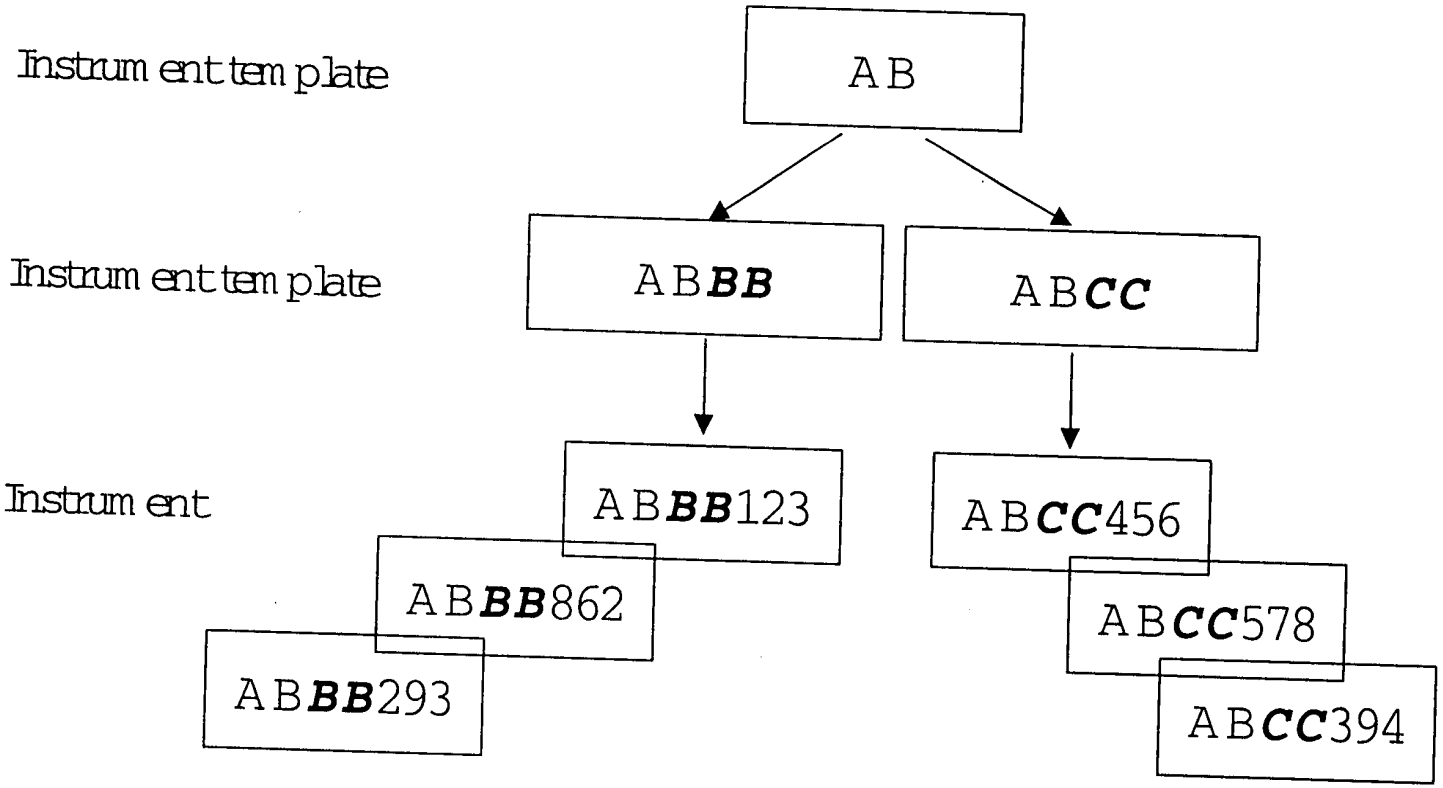

Instrument template
AB
Instrument template
ABBB
ABCC
Instrument
ABBB123
ABBB862
ABBB293
ABCC456
ABCC578
ABCC394

Fig 2

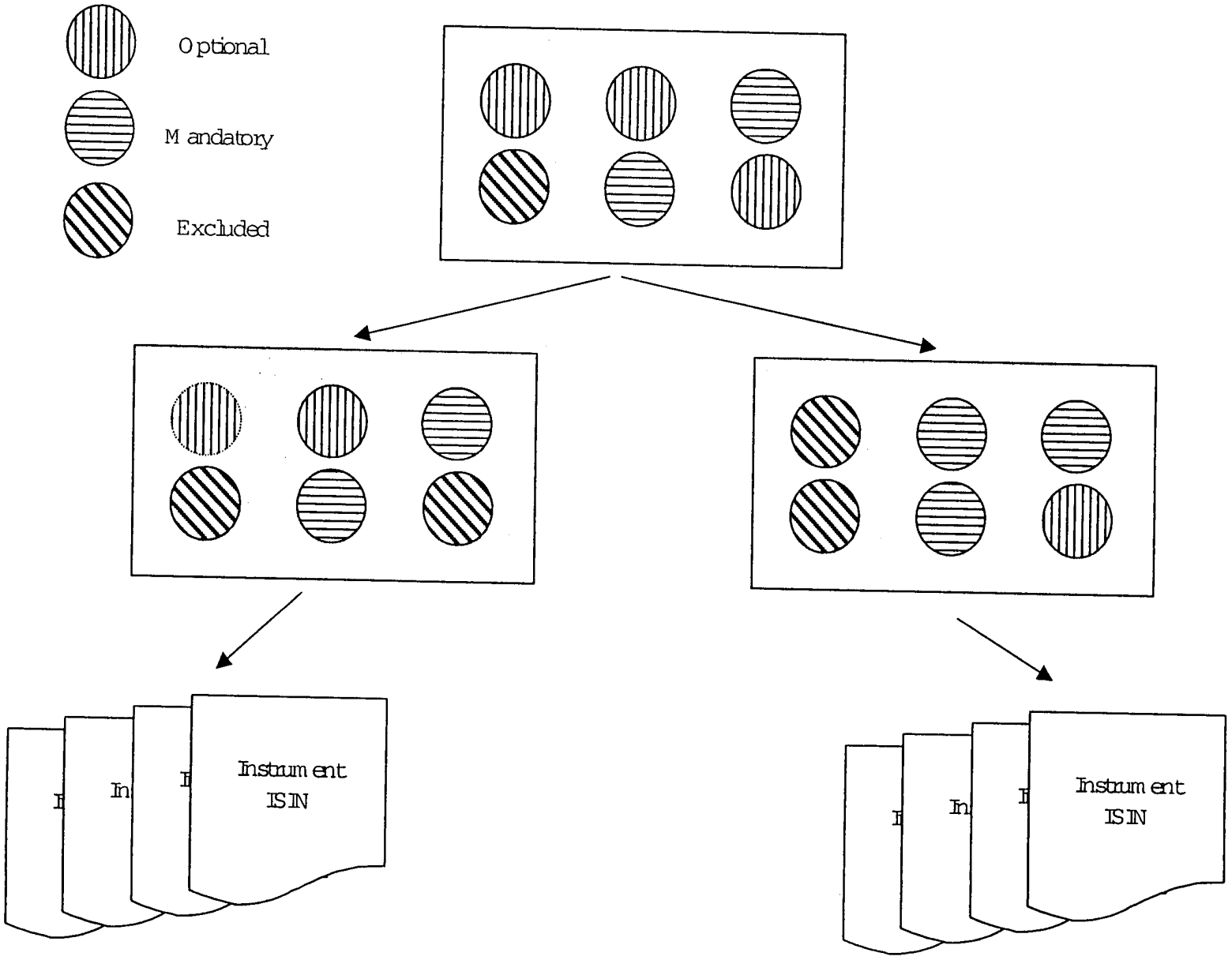
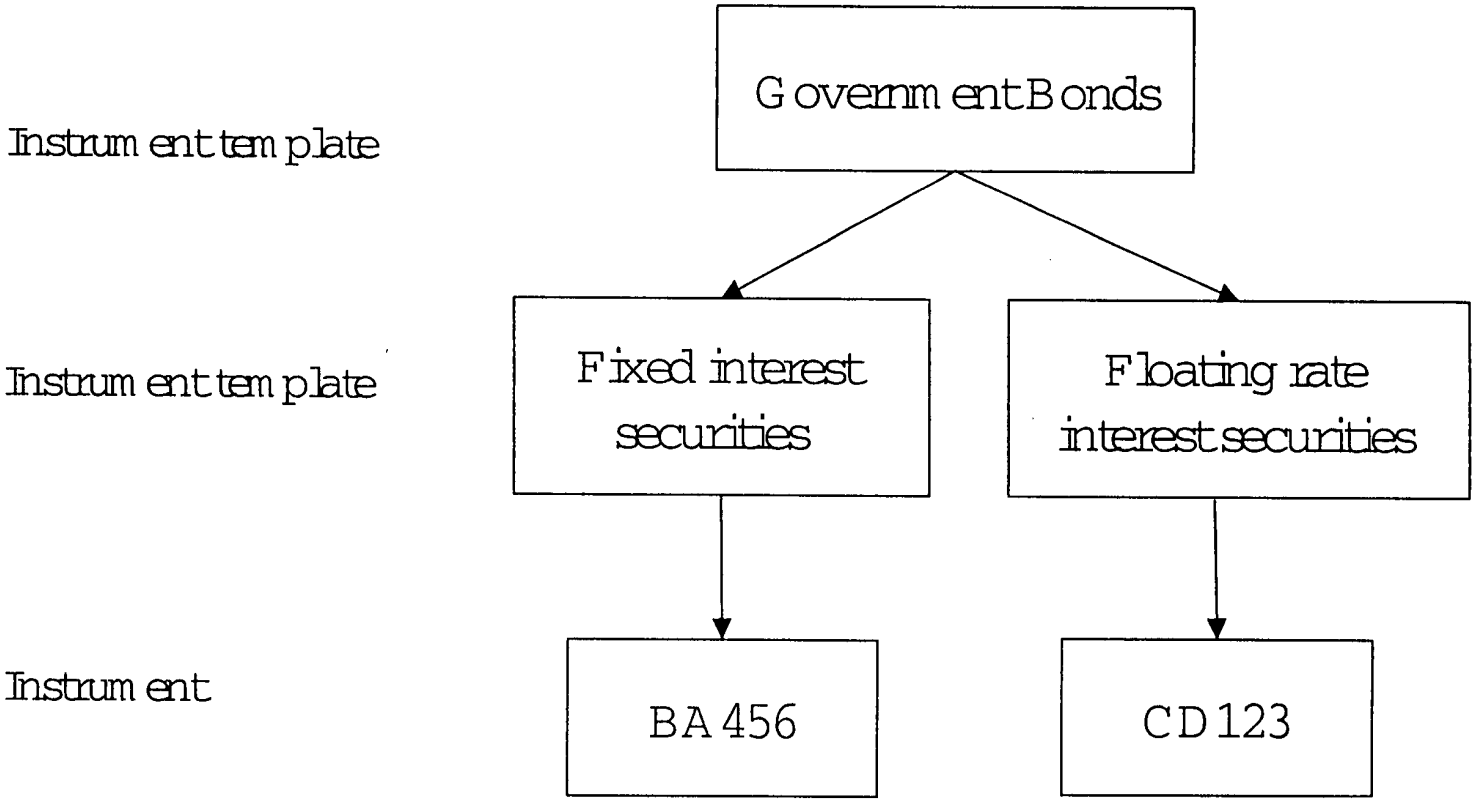

Optional
Mandatory
Excluded
Instrument ISIN
Instrument ISIN

Fig 3


Instrument template
Government Bonds
Instrument template
Fixed interest securities
Floating rate interest securities
Instrument
BA 456
CD 123

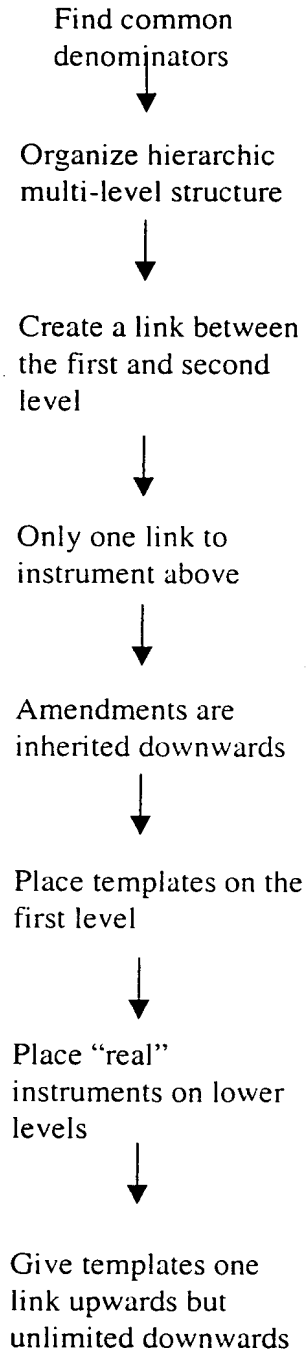

Find common denominators
Organize hierarchic multi-level structure
Create a link between the first and second level
Only one link to instrument above
Amendments are inherited downwards
Place templates on the first level
Place "real" instruments on lower levels
Give templates one link upwards but unlimited downwards

Fig 4

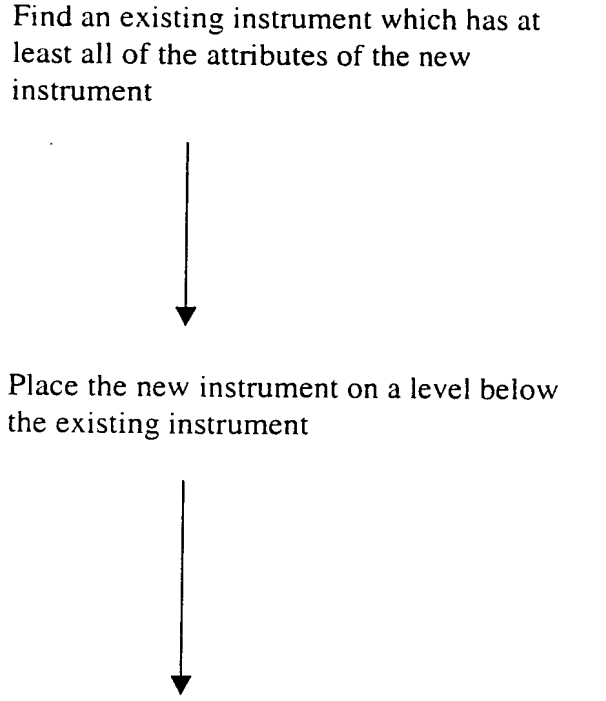

Find an existing instrument which has at least all of the attributes of the new instrument
Place the new instrument on a level below the existing instrument
Create a link between the new instrument and the existing instrument

Fig 5